

910-3015 Solution 15 – Hoechst 33342**1 ml**

Contents	<p>Solution 15 – Hoechst 33342 (1 ml).</p> <p>The solution contains Hoechst 33342 (500 µg/ml ~ 0.9 mM ~ 0.05%) and sodium azide (NaN₃; 0.1 mg/ml ~ 1.5 mM ~ 0.01 %).</p> <p>The EINECS no. for Hoechst 33342 is 245-691-1.</p> <p>The EINECS no. for NaN₃ is 247-852-1.</p>
Application	<p>Solution 15 – Hoechst 33342 stains nuclei of living, fixed and permeabilized cells. Hoechst 33342 is used for identification of cells and for quantifying DNA-content of e.g., animal cells, allowing determination of G₀/G₁, S, and G₂/M cell cycle phases.</p>
Principle	<p>Solution 15 – Hoechst 33342 is a cell-permeable dye which preferably stains double-stranded DNA.</p>
Use	<p>The solution is for research use only (RUO) and is not for diagnostic or therapeutic uses.</p>
Storage	<p>Store at 2-8°C.</p>
Stability	<p>Unopened microtubes can be stored until the expiry date indicated on the microtubes. The solution is produced 15 months prior to the expiry date.</p> <p>We recommend using the solution no later than the expiry date or two (2) months after opening the microtubes, whichever comes first.</p>
Safety information	<p>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If a spill is observed, perform a clean-up of the area which may have been in contact with the solution.</p> <p>Use gloves and suitable protective clothing.</p> <p>Please also refer to the safety data sheet (SDS) for safety information.</p>
Disposal	<p>After use, dispose of the microtube following national or local laws and regulations, according to the nature of its contents.</p>